

## **Highlights of outreach using the acquired NSF-MRI computers (Rutgers-Camden)**

I.) Two high school science teachers used the computers to do biochemistry simulations with Drs. Luke Burke and J. Martin.

One High school used the computer to do statistical mechanics simulations with Dr. Roger Cowley.

One African-American REU student (Robeson Graham-Bailey) worked with Dr. H. Fu on Semiconductors nanostructures.

One female high-school math teacher (also African-American), Ms. Lateefah Id-Dee, worked with Fu on modeling quantum wires.

II.) Dr. H. Fu used the computers to teach a new course of “Numerical Analysis and Computational Physics”.

III.) Fu’s graduate student, Amjad Nazzal, participated out in K-12 outreach science competition held in public Mall.

IV.) Dr. Paul Maslen was awarded a NIH-SBIR phase I grant, on Quantum biochemistry. The NSF-MRI computer is essential for this project.

V.) More than 10 graduate and undergraduate students in Rutgers-Camden are using this computer to perform quantum Chemistry and Physics computations.